

IN THE CLAIMS:

1 (currently amended) An ink receptive substrate suitable for use in ink jet printing comprising:

- (i) a support material; and
- (ii) a an ink receptive porous polymer layer on the support material obtained by polymerisation of a microemulsion on the support material;

wherein the microemulsion comprises a co-polymerisable surfactant.

2 (currently amended) A substrate according to claim 1 wherein the co-polymerisable surfactant comprises ~~a~~ an ethylenically unsaturated compound which carries a cationic or anionic group.

3 (original) A substrate according to claim 1 or 2 wherein the microemulsion comprises water, a polymerisable oil and the co-polymerisable surfactant.

4 (currently amended) A substrate according to ~~any one of the preceding claims~~ claim 3 wherein the co-polymerisable surfactant is an addition-polymerisable surfactant.

5 (currently amended) A substrate according to claim 1 or 2 ~~any one of the preceding claims~~ wherein the microemulsion is a polymerisable oil-in-water, water-in-oil or bicontinuous microemulsion.

6 (currently amended) A substrate according to claim 1 or 2 ~~any one of the preceding claims~~ wherein the microemulsion is a polymerisable bicontinuous microemulsion.

7 (currently amended) A substrate according to claim 1 or 2 ~~any one of the preceding claims~~ wherein the microemulsion is photopolymerisable.

8 (currently amended) A substrate according to claim 1 or 2 ~~any one of the preceding claims~~ wherein the microemulsion contains a mordant.

9. (currently amended) A substrate according to claim 1 or 2 ~~any one of the preceding claims~~ wherein the microemulsion contains a cationic surfactant.

10. (currently amended) A substrate according to claim 1 or 2 ~~any one of the preceding claims~~ wherein the microemulsion comprises:

- (a) 5 to 95 parts of aqueous phase;
- (b) 10 to 70 parts of polymerisable oil; and
- (c) 0.1 to 70 parts of co-polymerisable surfactant;

wherein all parts are by weight and the number of parts (a)+(b)+(c) adds up to 100.

11. (original) A substrate according to claim 10 wherein the microemulsion is free from porous inorganic compounds.

12. (currently amended) A substrate according to claim 10 ~~or 11~~ wherein the surfactant is a cationic surfactant.

13. (currently amended) A substrate according to claim 1 or 2 ~~any one of the preceding claims~~ wherein the microemulsion contains a block copolymer comprising hydrophobic and hydrophilic units.

14. (currently amended) A process for preparing an ink receptive substrate carrying a desired image comprising printing ~~applying~~ an ink to an ink receptive substrate to give the desired image, wherein the ink receptive substrate is as defined in claim 1 or 2 ~~any one of claims 1-13~~.

15. (currently amended) A process according to claim 14 for preparing an ink receptive substrate carrying a desired image comprising the steps:

- (a) applying a polymerisable microemulsion to a support material;
- (b) polymerising the product of step (a) to give an ink receptive substrate; and
- (c) printing ~~applying~~ an ink to the ink receptive substrate to give the desired image.

16. (original) A process according to claim 15 wherein the ink is applied in step (c) by means of an ink jet printer.

17. (currently amended) A process according to claim 4 ~~or~~ 16 wherein the ink contains a yellow, magenta, cyan or black colorant.

18. (currently amended) A process according to claim 15, ~~16 or 17~~ wherein the microemulsion contains a cationic compound ~~and the ink contains an anionic dye.~~

19. (original) A kit comprising:

- (a) an ink receptive substrate comprising a support material and a porous polymer layer, wherein the porous polymer layer has been obtained by polymerisation of a microemulsion; and
- (b) written instructions to print the substrate with an ink.

20. (currently amended) A kit according to claim 19 where the substrate ~~is as defined in any one of claims 1 to 13~~ comprises (i) a support material; and (ii) an ink receptive porous polymer layer on the support material obtained by polymerisation of a microemulsion on the support material; wherein the microemulsion comprises a co-polymerisable surfactant.

21. (New) A substrate according to claim 1 or 2 wherein the porous polymer layer has a void volume of 5 to 75%.

22. (New) A substrate according to claim 1 or 2 which further comprises a scratch resistant layer covering the porous polymer layer.

23. (New) A substrate according to claim 1 or 2 which further comprises an inner layer for receiving the liquid media of an ink to accelerate drying.

24. (New) A substrate according to claim 1 or 2 wherein the support material is a paper or an opaque or transparent film or foil.

25. (New) A substrate according to claim 1 or 2 having an overall thickness of less than 0.5 mm.

26. (New) A substrate according to claim 1 or 2, further comprising a color image printed thereon by means of ink jet printing.

27. (New) A process according to claim 18 wherein the ink contains an anionic dye.